

# Cielo Azul Elementary School

*Rio Rancho, NM*

**Dekker/Perich/Sabatini**  
architecture interiors landscape planning engineering



DESIGNED  
TO EARN THE  
ENERGY STAR

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

## 85,000sf public elementary school for 800 students\*

Green adaptation of a previous prototype school

- Expected to use 30% less energy than typical
- High efficiency rooftop mechanical system
- Increased wall and roof insulation
- Efficient glazing and good daylighting
- Dual flush toilets and waterless urinals will use 50% less water indoors
- Recycled, regional, and low-emitting materials
- Anticipating LEED Silver certification

### Cielo Azul Elementary School

\* Energy Use Intensity (EUI) = 80 kBtu/sf/yr

\* Percent CO2 reduction = 45%

\* ENERGY STAR design rating = 93

### Annual Savings Statistics (compared to an average building EPA rating of 50)

\* Energy savings = 5,703,278.6 kBtu

\* CO2 savings = 314.8 tons CO2

\*Cielo Azul is currently under construction. This photo is of the previous school which served as the prototype for Cielo Azul.